

Message

**From:** Ungvarsky, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=32DB35E158594F48ADE92F89E3C6411B-JUNGVAR]  
**Sent:** 9/11/2019 6:26:01 PM  
**To:** Turkiewicz, Katarzyna (Kasia)@ARB [kasia.turkiewicz@arb.ca.gov]  
**Subject:** RE: Percent of Days

That's talk about that. The plan relies on reductions of 0.077 tpd. If we are saying 450 changeouts will achieve that, it might be argued that the remaining uncertified stoves are excess. This needs more discussion.

**John Ungvarsky**  
Environmental Scientist  
USEPA Region IX, Air Division  
San Francisco, CA  
415-972-3963

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**From:** Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>  
**Sent:** Wednesday, September 11, 2019 11:18 AM  
**To:** Ungvarsky, John <Ungvarsky.John@epa.gov>  
**Subject:** RE: Percent of Days

No, because they were part of the original ordinance that was included in the SIP. Therefore, the reductions would not be extra, they would occur regardless of contingency.

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**From:** Ungvarsky, John <Ungvarsky.John@epa.gov>  
**Sent:** Wednesday, September 11, 2019 11:14 AM  
**To:** Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>  
**Subject:** RE: Percent of Days

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Thanks. Don't we want a count of days from Nov-Feb over 30 µg/m3?

**John Ungvarsky**  
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**From:** Turkiewicz, Katarzyna (Kasia)@ARB <kasia.turkiewicz@arb.ca.gov>  
**Sent:** Wednesday, September 11, 2019 11:09 AM  
**To:** Ungvarsky, John <Ungvarsky.John@epa.gov>  
**Subject:** Percent of Days

I get 15-17 percent depending on the time window.

SiteName	Year	Count 1	Count 2	Subject to Ordinance	Total	Percent of Total
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Portola-Gulling Street	2013	5	25	30	122	
Portola-Gulling Street	2014	17	46	63	363	
Portola-Gulling Street	2015	15	31	46	356	
Portola-Gulling Street	2016	33	20	53	352	
Portola-Gulling Street	2017	33	29	62	364	
Portola-Gulling Street	2018	36	23	59	355	
	2014-2016	37	102	139	841	17
	2015-2017	65	97	162	1071	15
	2016-2018	102	72	174	1071	16

Count 1 - Days in Jan, Feb, Nov, Dec with PM2.5 between 20 ug/m3 and 30 ug/m3

Count 2 - Days in March, April, Sept, and Oct with PM2.5 >20 ug/m3

Total - Total number of obs in a year

Kasia Turkiewicz  
Air Resources Engineer  
California Air Resources Board